

General Arrangement

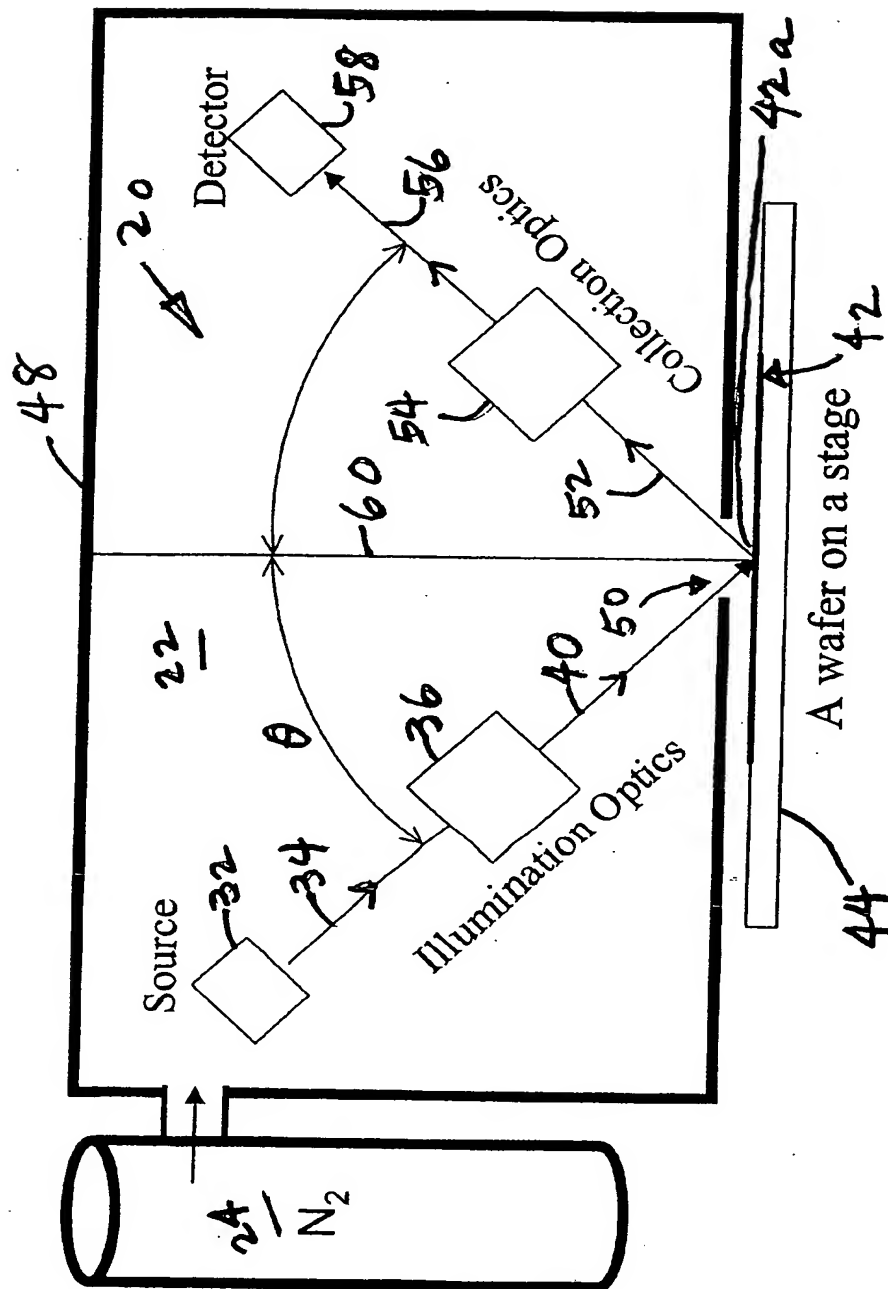


FIG. 1

T

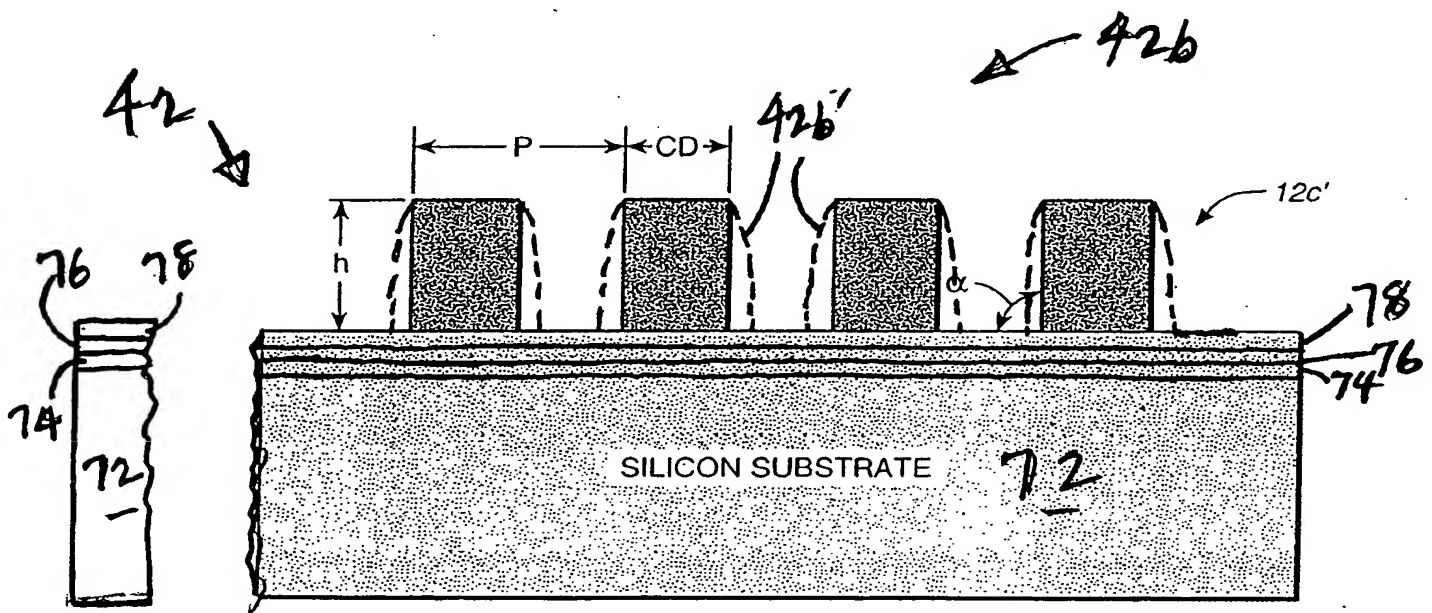


FIG._2

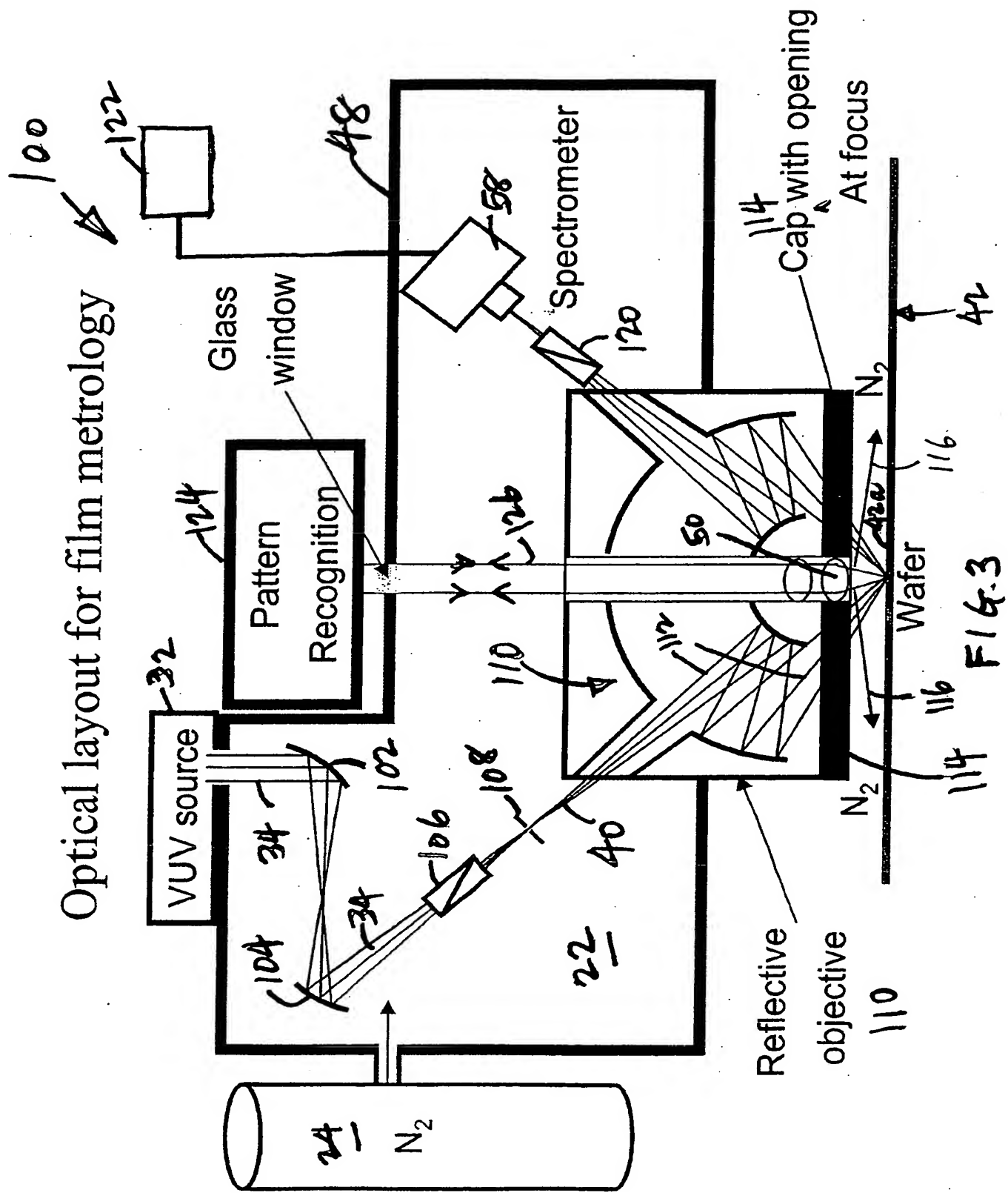


FIG. 3

FIG. 4A

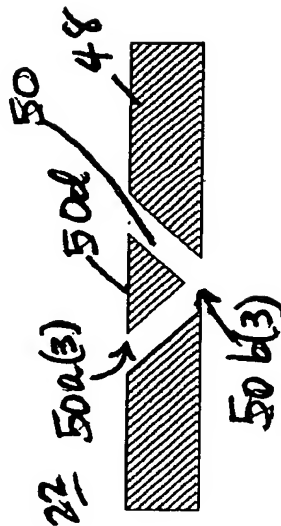
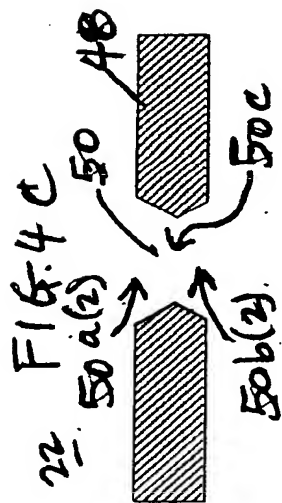
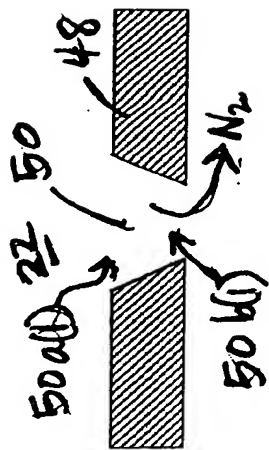


FIG. 4E

FIG. 4B

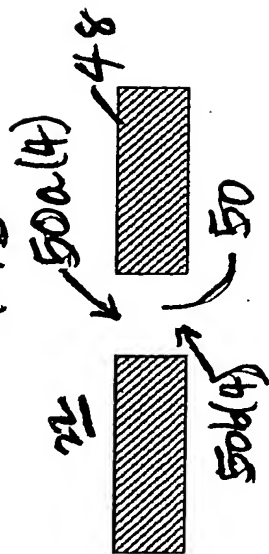


FIG. 4D

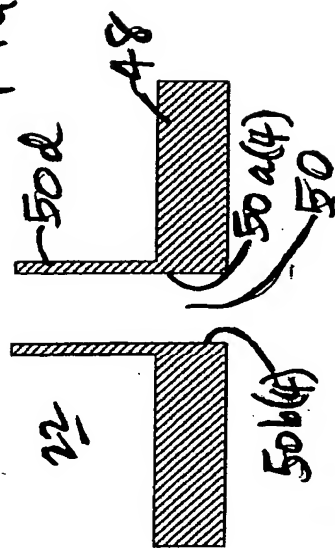


FIG. 4F

Fig. 5A

Fig. 5B

Fig. 5C

ONO:Nitride thickness

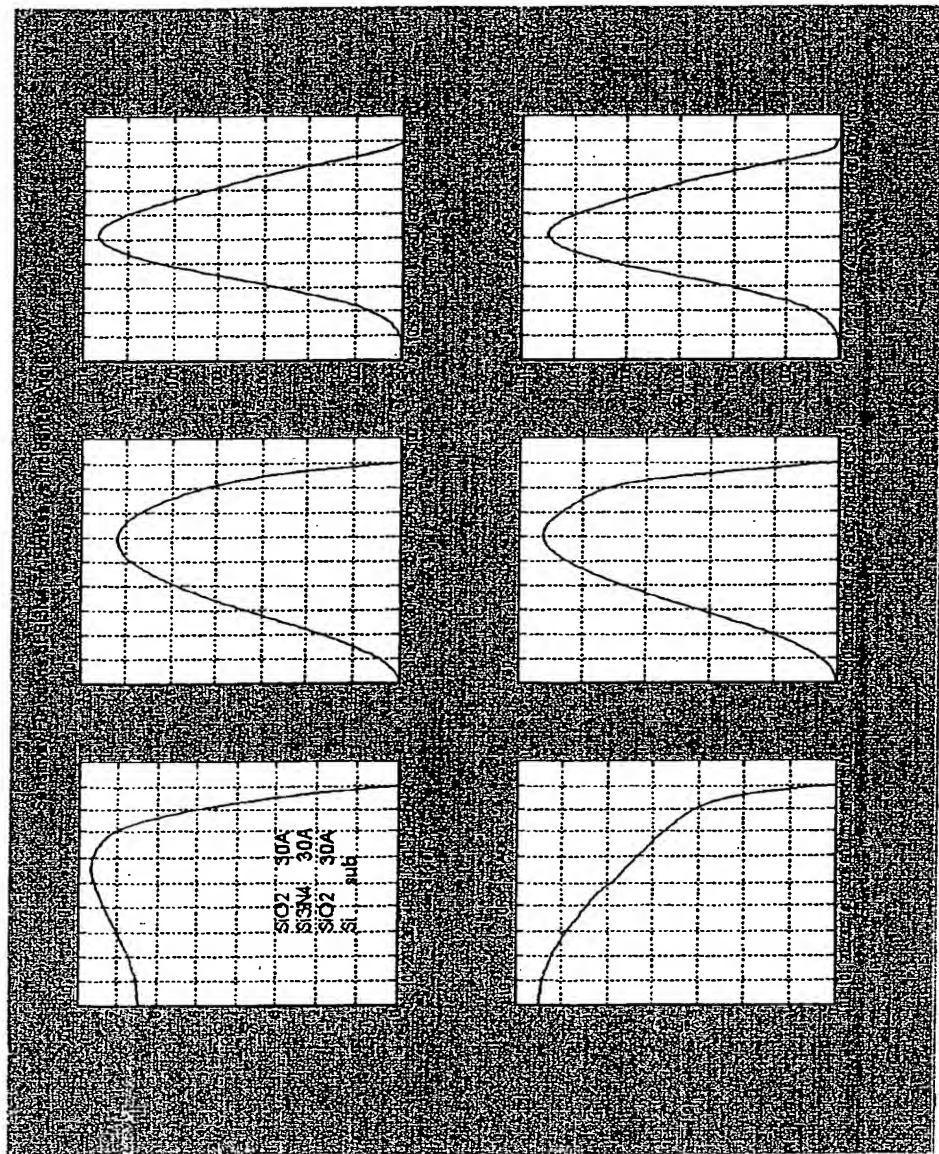


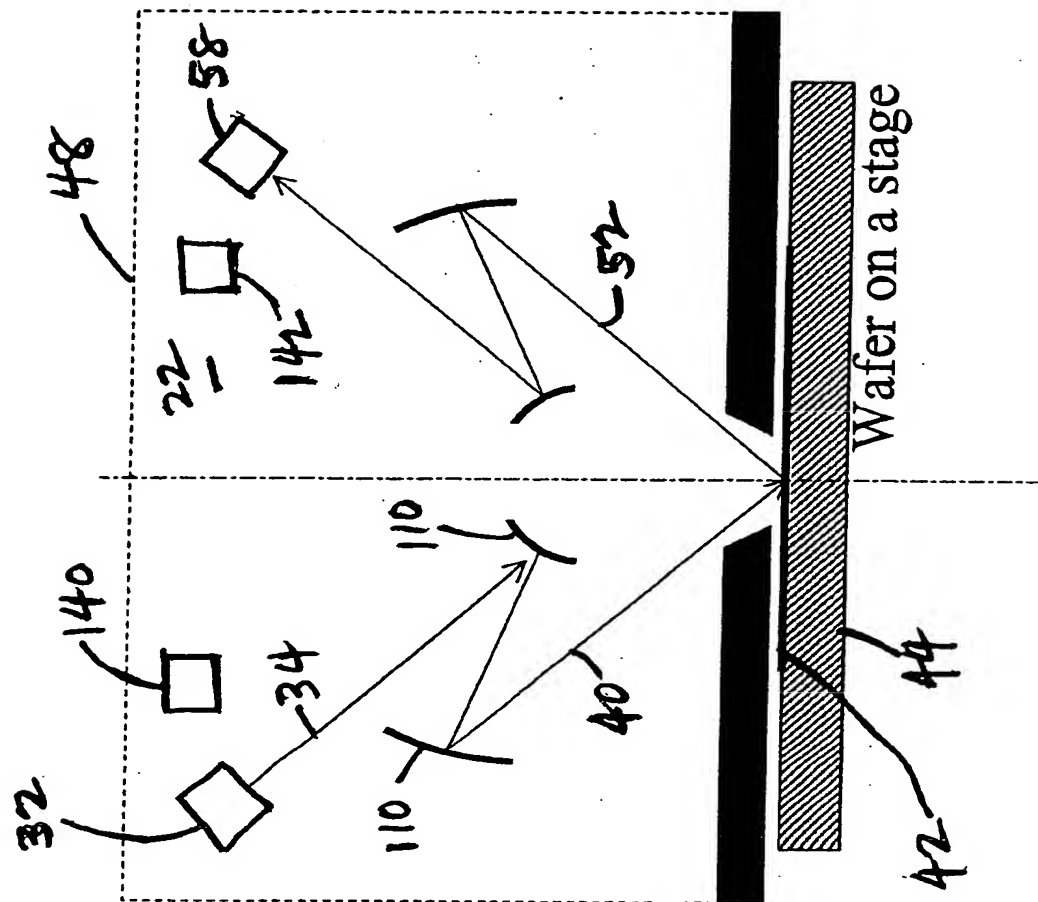
Fig. 5D

Fig. 5E

Fig. 5F

Fig. 6

Expanded Optics Layout



D2 Lamp Spectra with Different Gap Distances

Spectra with different gap distances

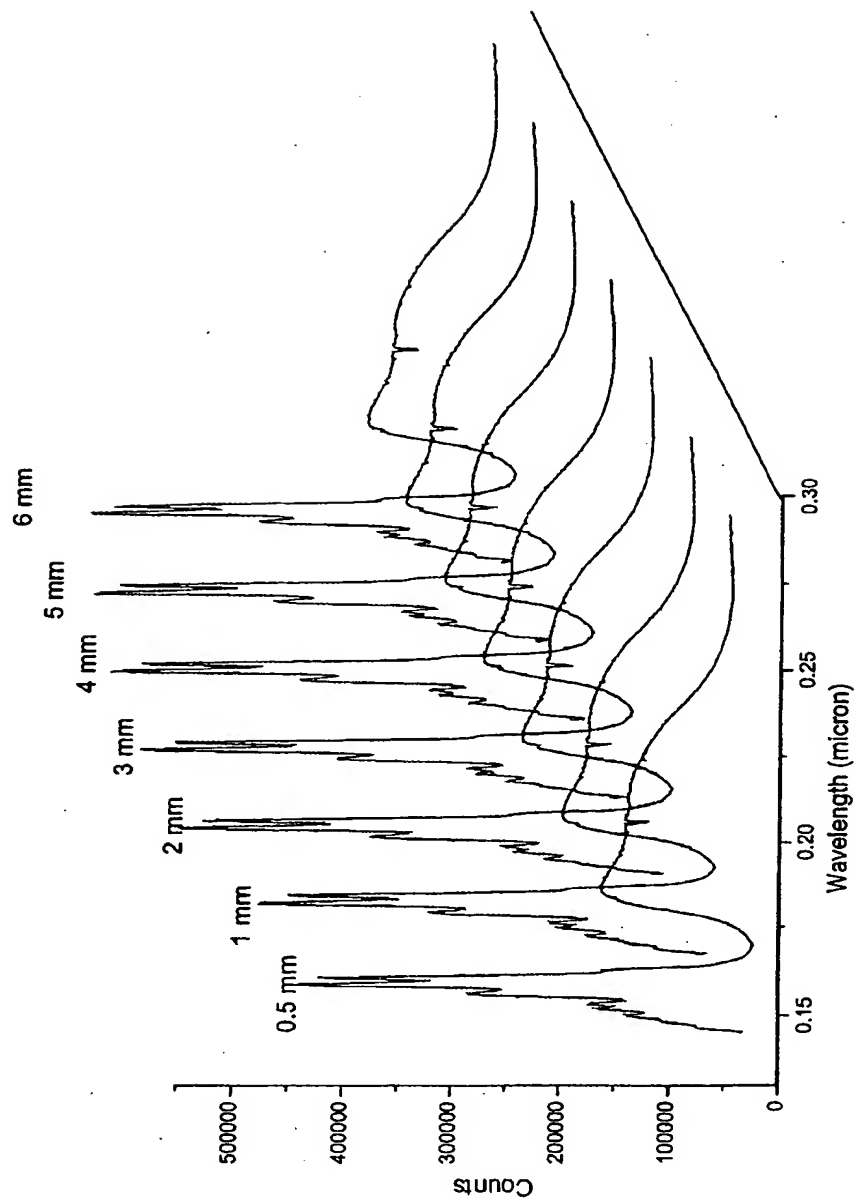


Fig. 7

Fig. 8 150

Single Objective include the nozzle

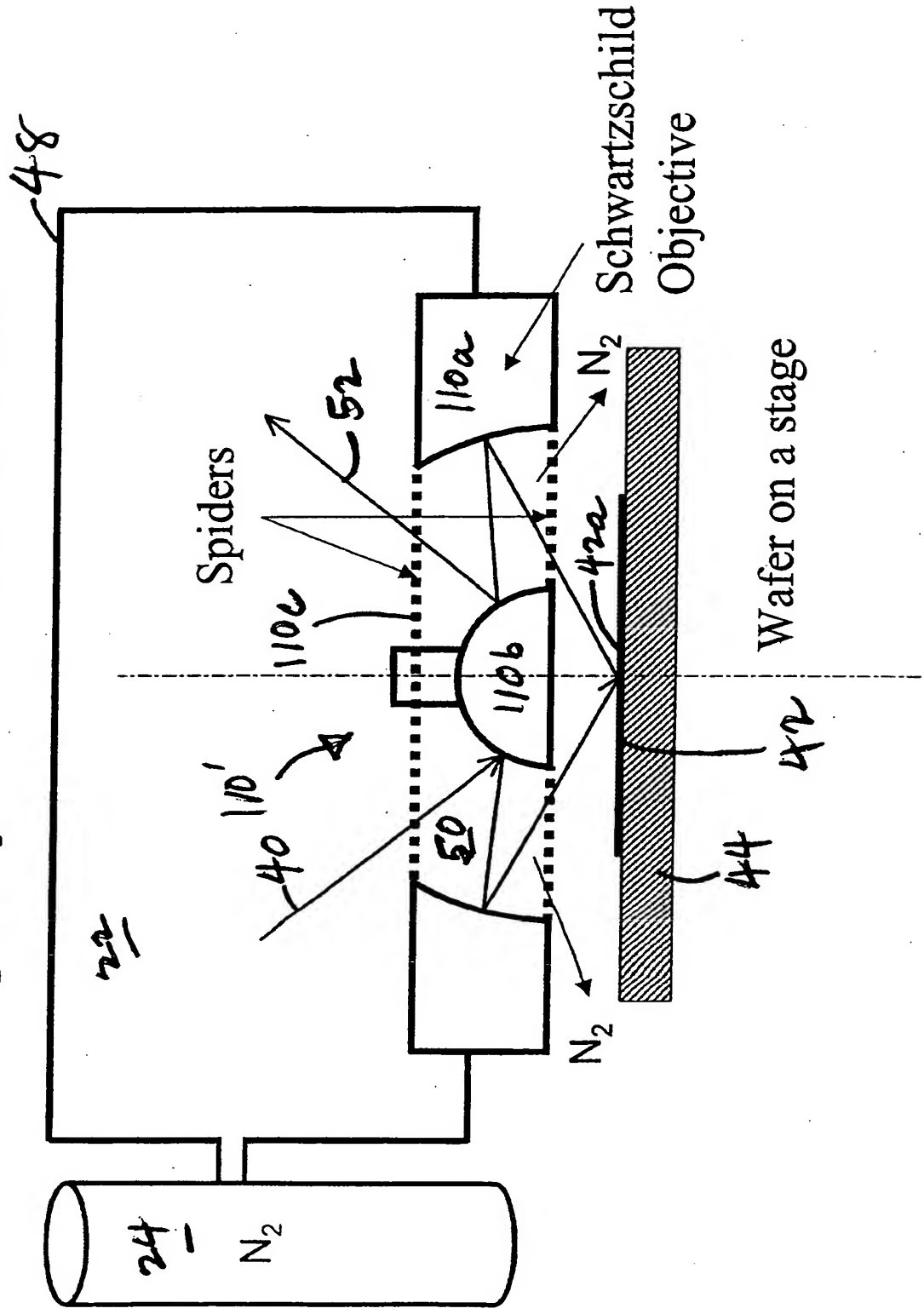
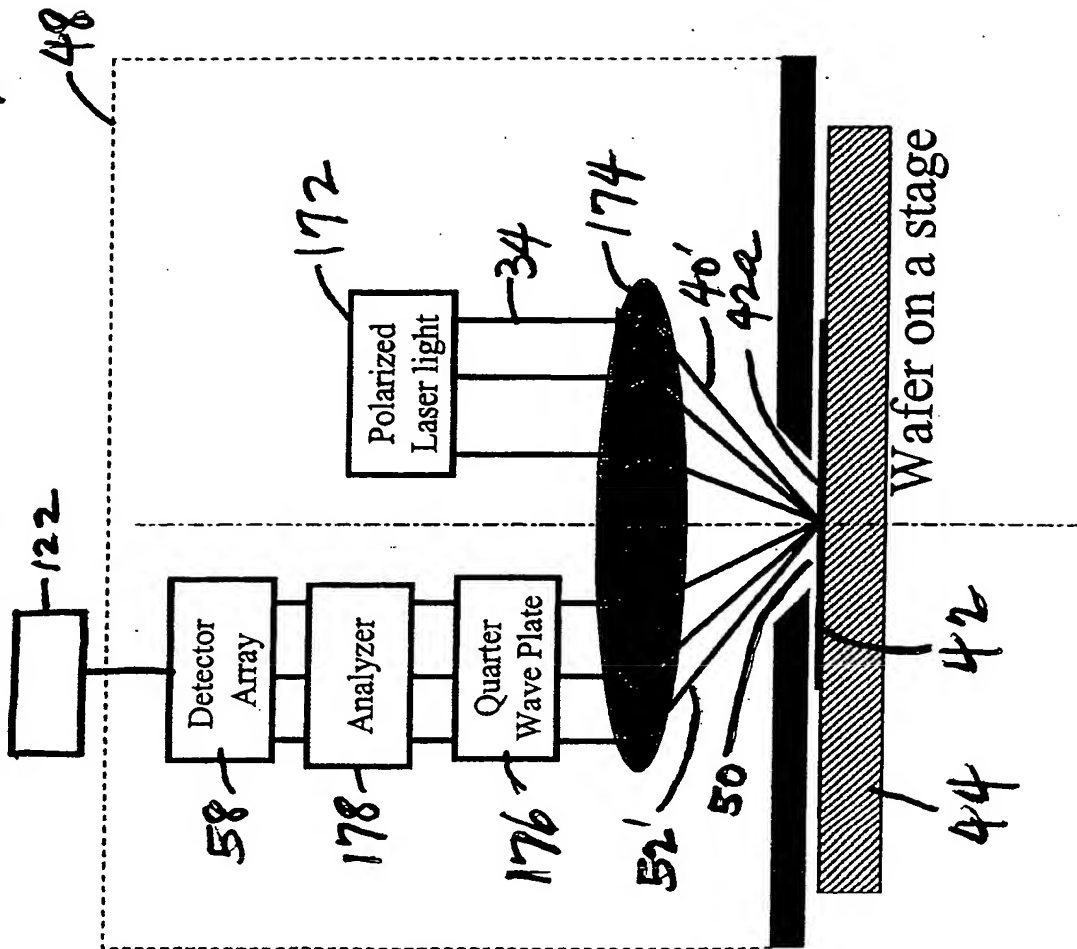


Fig. 9

170

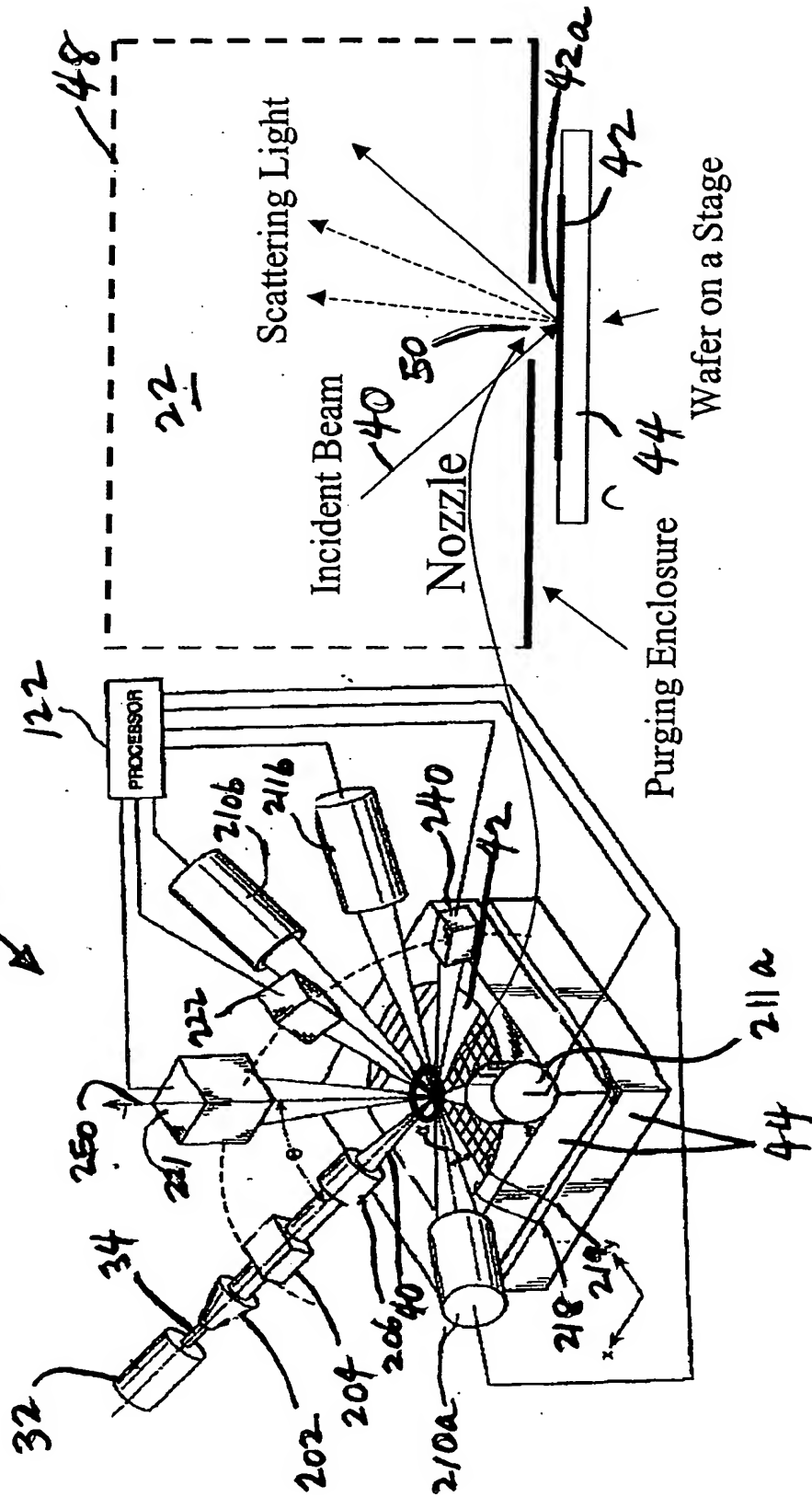
Multiangule approach



Optical Layout for Inspection Application

FIG. 10A

FIG. 10B



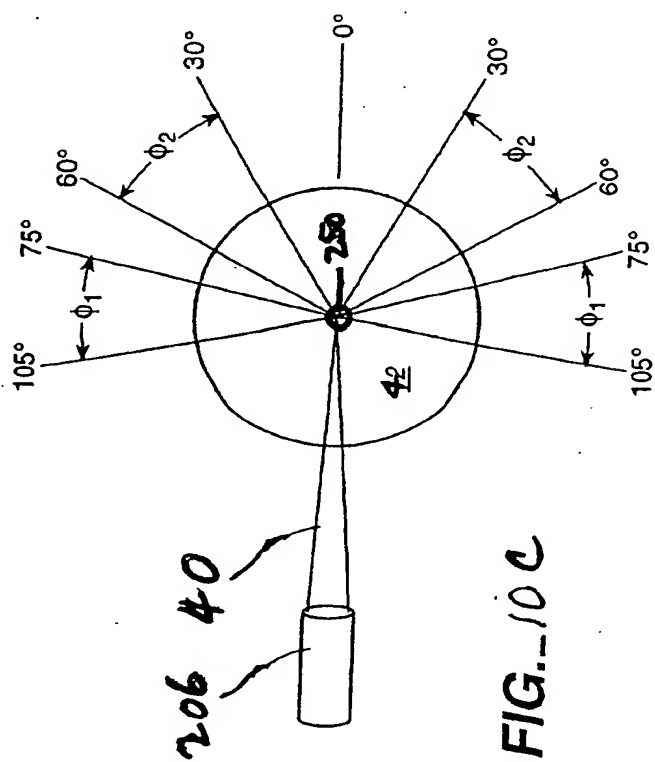


FIG. 10C

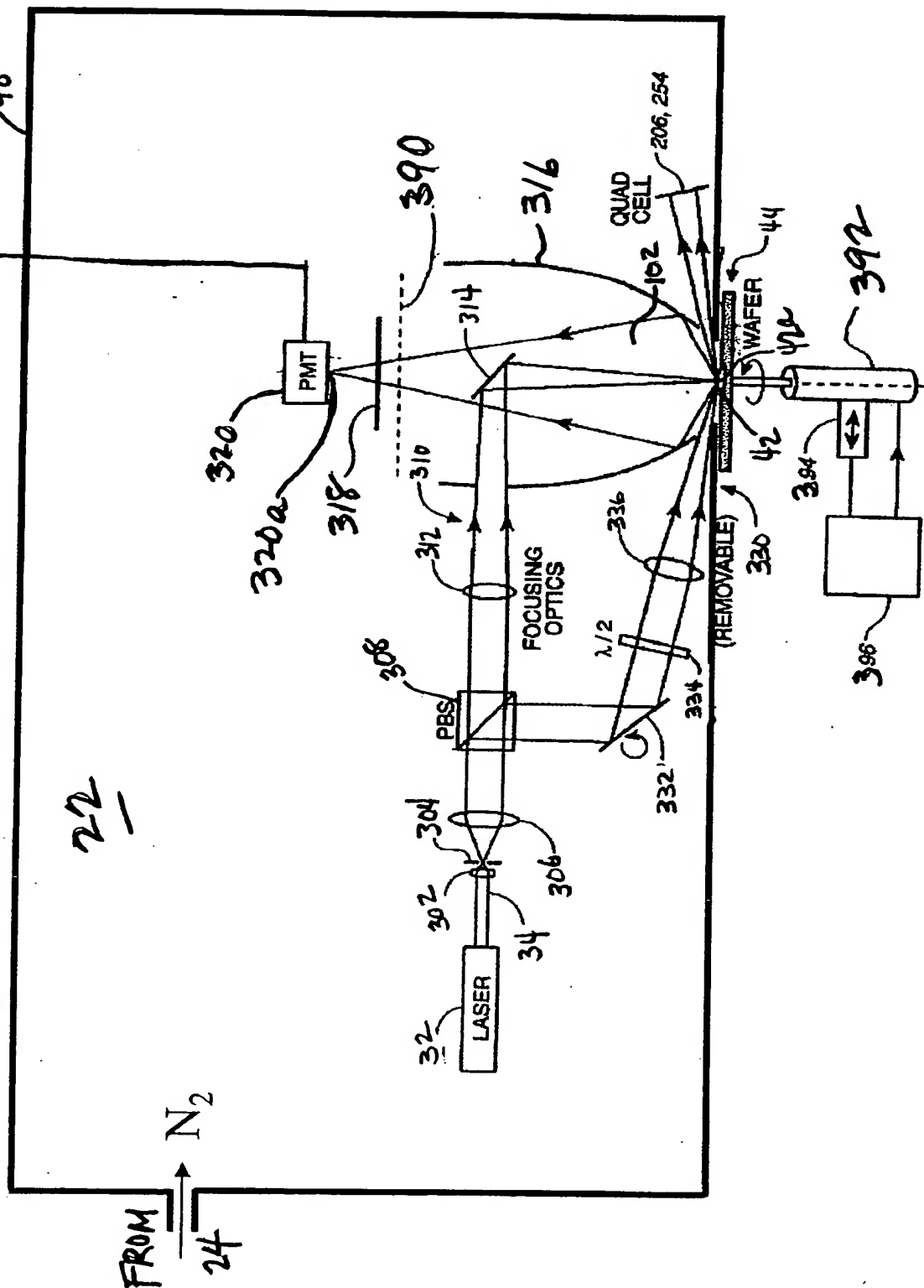


FIG. 12A

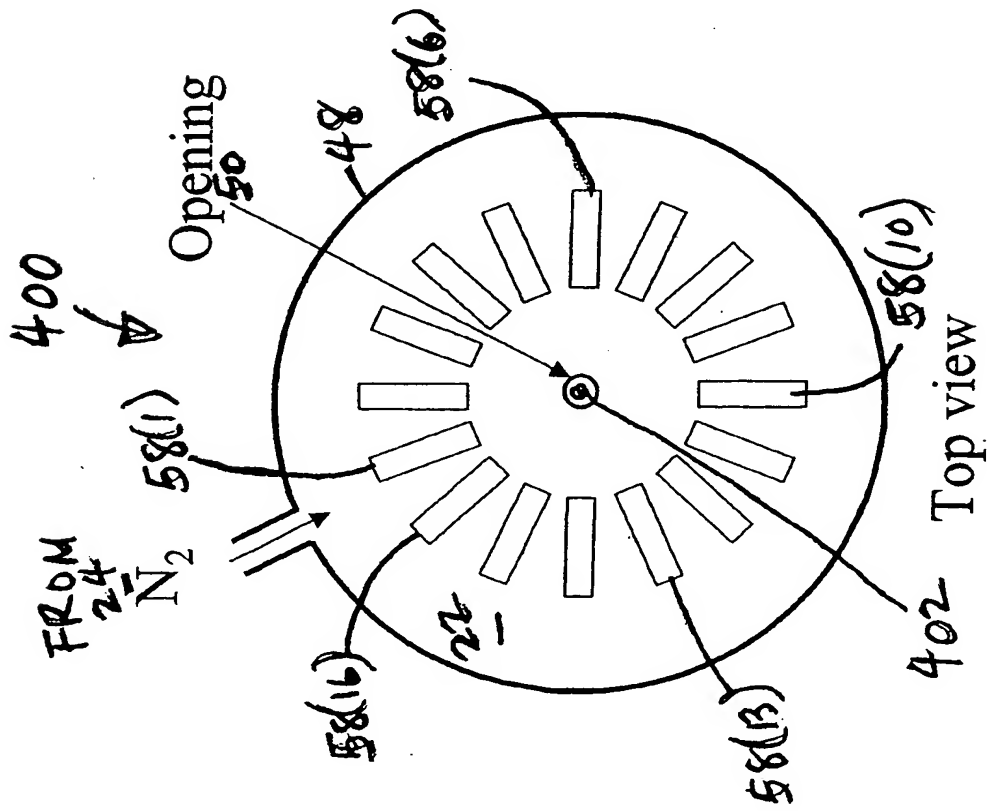


FIG. 12B

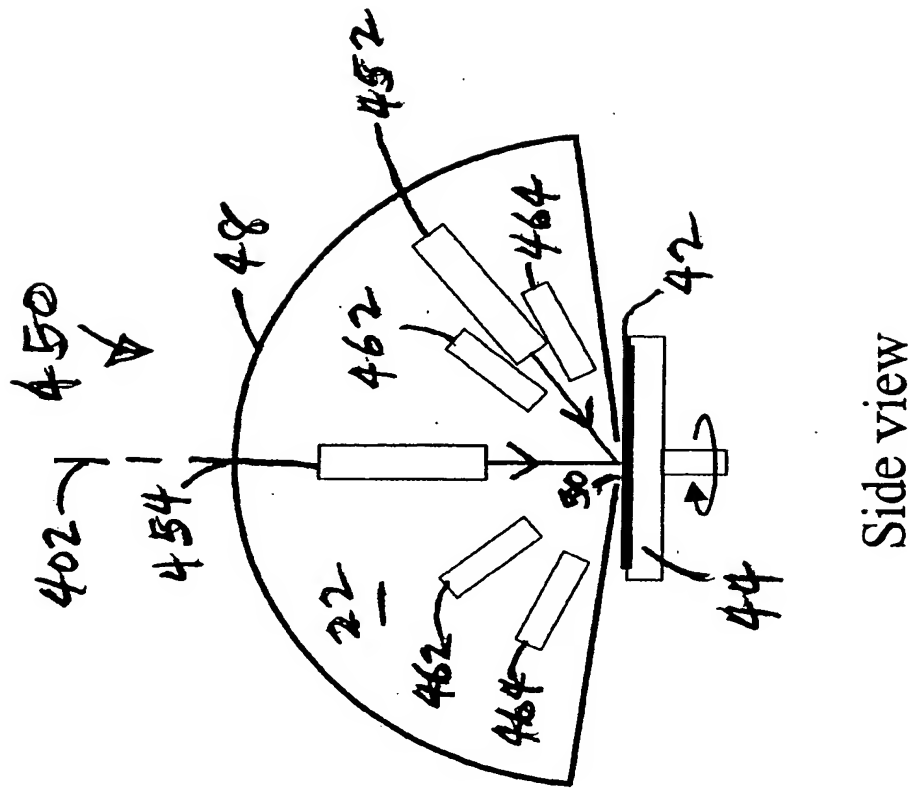
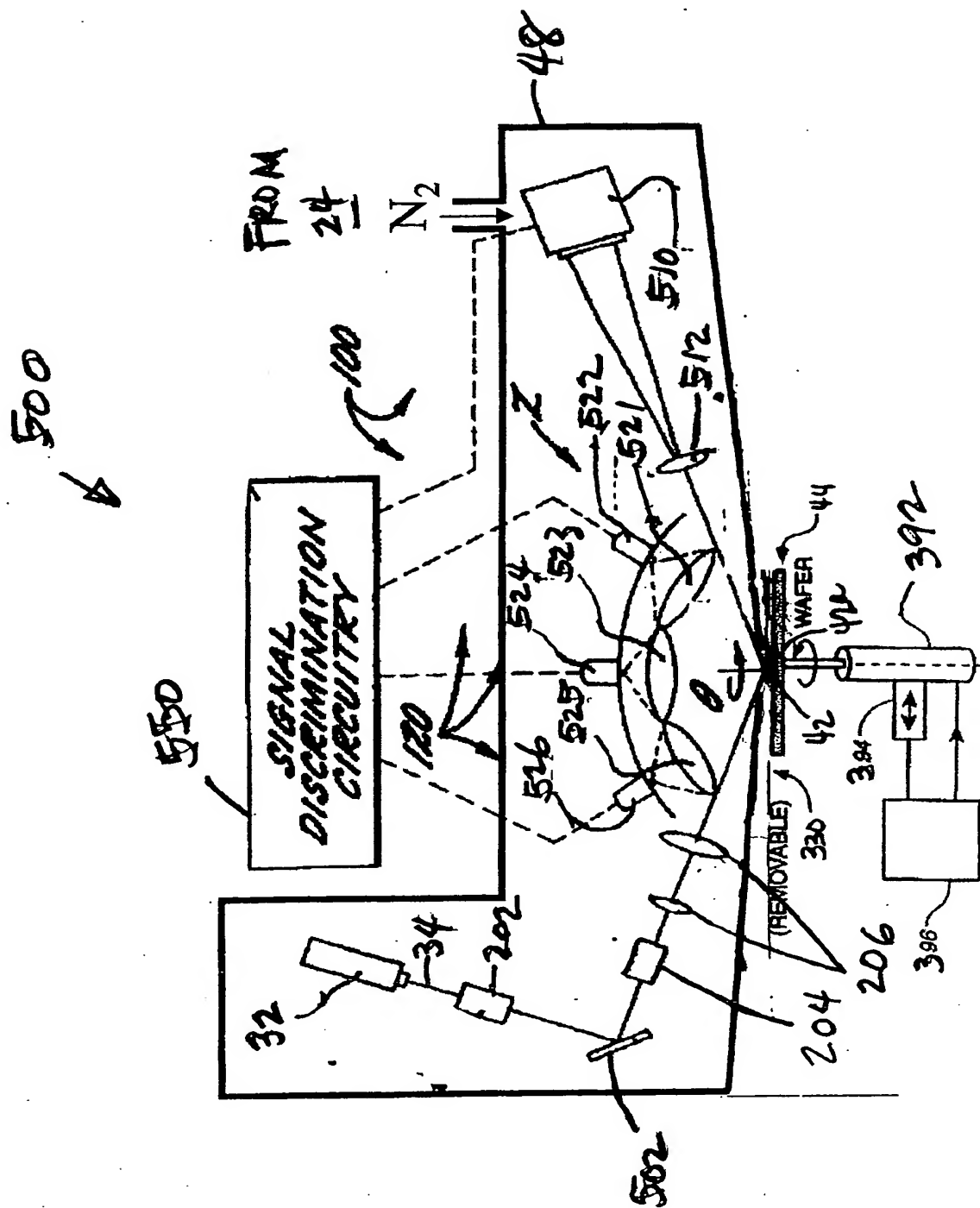


FIG. 13



600



Figure 14

Sheath-flow system

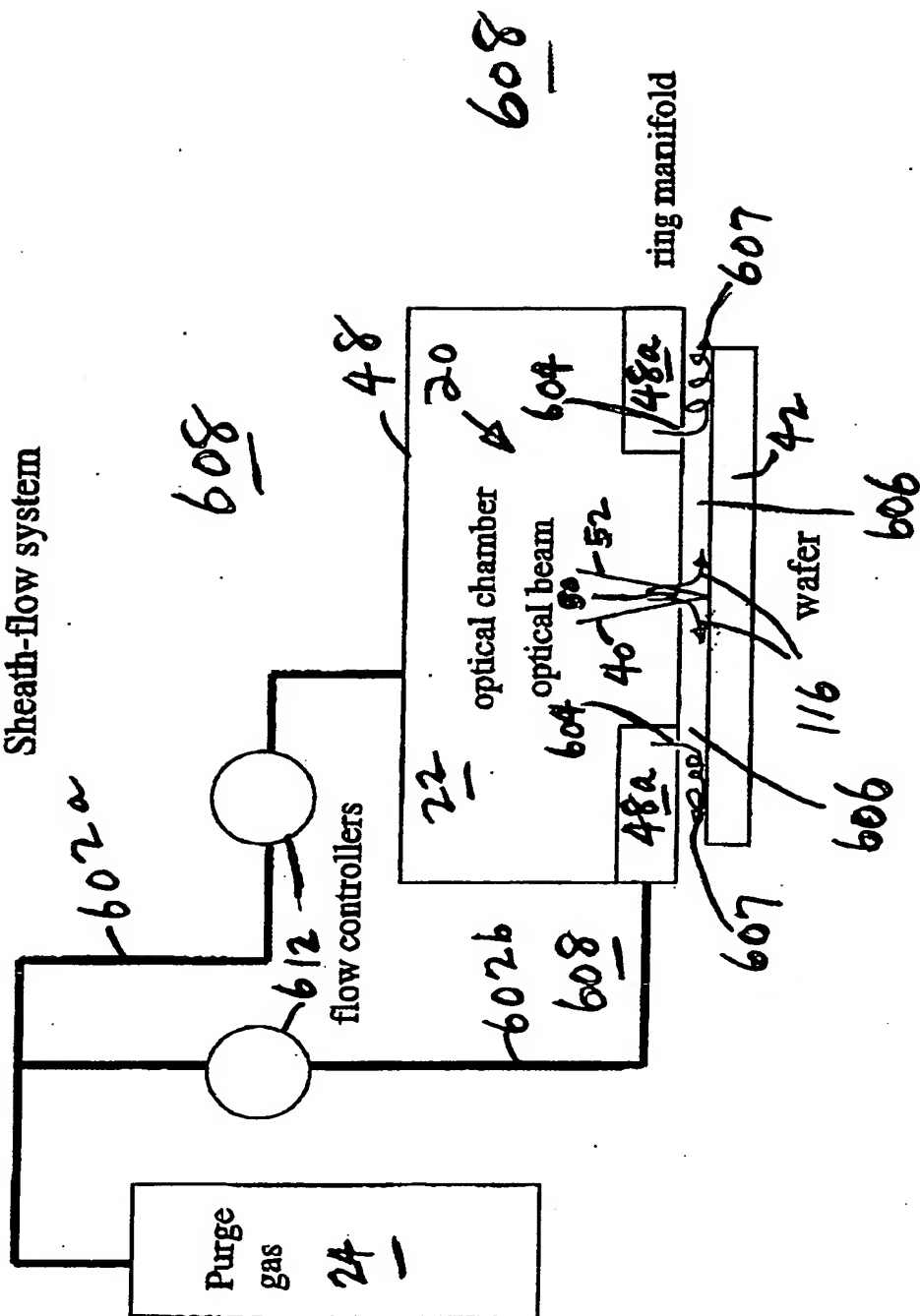


Figure 15

Ring protector system

